

1. Record Nr.	UNISA996465648303316
Titolo	Agent Technologies, Infrastructures, Tools, and Applications for E-Services [[electronic resource]] : NODe 2002 Agent-Related Workshop, Erfurt, Germany, October 7-10, 2002, Revised Papers // edited by Ryszard Kowalczyk, Jörg Müller, Huaglorly Tianfield, Rainer Unland
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2003
ISBN	3-540-36559-1
Edizione	[1st ed. 2003.]
Descrizione fisica	1 online resource (XIII, 347 p.)
Collana	Lecture Notes in Artificial Intelligence ; ; 2592
Disciplina	006.3
Soggetti	Engineering Artificial intelligence Computer communication systems Software engineering Application software Computers and civilization Engineering, general Artificial Intelligence Computer Communication Networks Software Engineering Information Systems Applications (incl. Internet) Computers and Society
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Keynotes -- Software Agents: The Future of Web Services -- Building Automated Negotiators -- Emergence in Cyberspace: Towards the Evolutionary Self-Organizing Enterprise -- Regular Papers -- Requirements Analysis in Tropos: A Self-Referencing Example -- A Mechanism for Dynamic Role Playing -- Agent UML Class Diagrams Revisited -- The Behavior-Oriented Design of Modular Agent Intelligence -- Engineering JADE Agents with the Gaia Methodology -- Designing Peer-to-Peer Applications: An Agent-Oriented Approach --

Introducing Pattern Reuse in the Design of Multi-agent Systems -- Specifying Reuse Concerns in Agent System Design Using a Role Algebra -- Comparison of Some Negotiation Algorithms Using a Tournament-Based Approach -- State-Based Modeling Method for Multiagent Conversation Protocols and Decision Activities -- A Framework for Inter-society Communication in Agents -- Action Recognition and Prediction for Driver Assistance Systems Using Dynamic Belief Networks -- Collaborative Agent System Using Fuzzy Logic for Optimisation -- A Self-Organizational Management Network Based on Adaptive Resonance Theory -- Mobile Software Agents for Location-Based Systems -- Partner Detection and Selection in Emergent Holonic Enterprises -- A Multi-agent System for E-insurance Brokering -- An XML Multi-agent System for E-learning and Skill Management -- Integrating Mobile and Intelligent Agents in Advanced E-commerce: A Survey -- An Agent-Oriented Approach to Industrial Automation Systems -- Multi-agent Model to Control Production System: A Reactive and Emergent Approach by Cooperation and Competition between Agents -- Integrating Agents in Software Applications -- A Foundational Analysis of Software Robustness Using Redundant Agent Collaboration.

Sommario/riassunto

This book constitutes the thoroughly refereed post-proceedings of the three agent-related workshops held during the NetObjectDays international conference, NODe 2002, held in Erfurt, Germany, in October 2002. The 23 revised full papers presented with a keynote paper and 2 abstracts were carefully selected during 2 rounds of reviewing and improvement. The papers are organized in topical sections on agent-oriented requirements engineering and specification, agent-oriented software engineering, reuse, negotiation and communication, large complex systems, e-business, and applications.
